

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

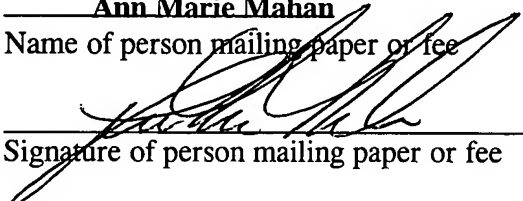
Applicants : Ryoi Kodama et al.  
Serial No. : Not yet assigned (PCT/JP03/11089)  
Filed : Herewith By Express Mail (29 August 2003)  
For : MICRO GAS GENERATOR WITH AUTOMATIC IGNITION  
FUNCTION  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 441P090  
Type of paper : **Preliminary Amendment**

"EXPRESS MAIL" MAILING LABEL NO. **ED 114679020 US**  
DATE OF DEPOSIT: February 15, 2005

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, **Mail Stop: PCT**, Alexandria, VA 22313-1450.

Ann Marie Mahan

Name of person mailing paper or fee

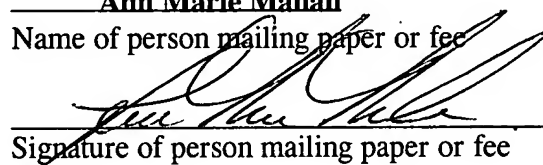
  
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Type of paper : Letter

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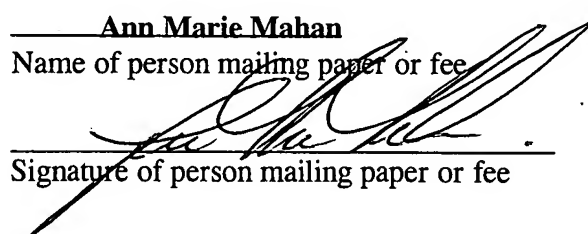
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Attorney  
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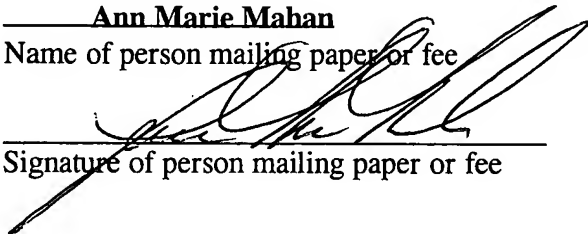
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Attorney  
Docket No. : 441P090  
Type of paper : **Copy of the International Search Report**

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\_\_\_\_\_**Ann Marie Mahan**  
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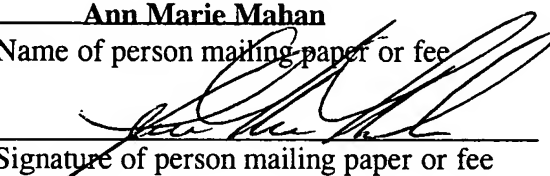
  
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 441P090  
Type of paper : Copy of the Notification Concerning Submission or Transmittal of  
Priority Document (Form PCT/IB/304)

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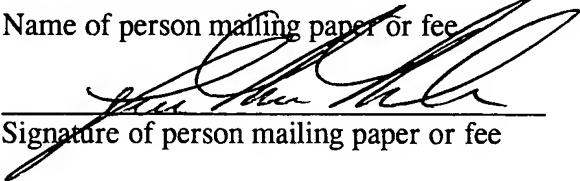
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FUNCTION  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 441P090  
Type of paper : Transmittal Letter To The United States Designated/Elected  
Office (DO/EO/US) Concerning A Submission Under 35 U.S.C.  
371

"EXPRESS MAIL" MAILING LABEL NO. ED 114679020 US  
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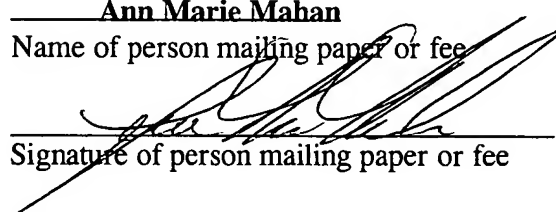
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 441P090  
Type of paper : Copy of the Notice Informing the Applicant of the  
Communication of the International Application to the Designated  
Offices (Form PCT/IB/308)

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DATE OF DEPOSIT: February 15, 2005

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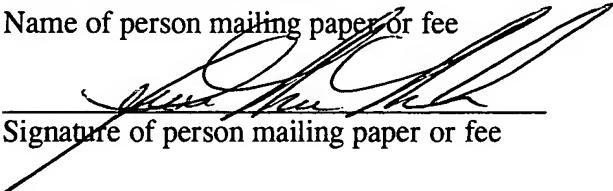
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 441P090  
Type of paper : Copy of the International Application into English

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DATE OF DEPOSIT: February 15, 2005

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10/524751

DT12 Rec'd PCT/PTO 15 FEB 2005

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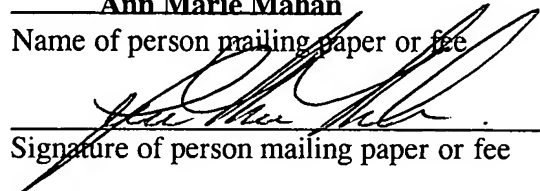
Applicants : Ryoi Kodama et al.  
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Filed : Herewith By Express Mail (29 August 2003)  
For : MICRO GAS GENERATOR WITH AUTOMATIC IGNITION  
FUNCTION  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 441P090  
Type of paper : English translation of the Art. 34 Amendment to the claims

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DATE OF DEPOSIT: February 15, 2005

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Ann Marie Mahan

Name of person mailing paper or fee

  
Signature of person mailing paper or fee

Attorney Docket No. **441P090**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **Ryoi Kodama, Kazumasa Kurita and Kenjiro Ikeda**

For: **MICRO GAS GENERATOR WITH AUTOMATIC IGNITION FUNCTION**

Commissioner for Patents  
P.O. Box 1450  
Mail Stop: PCT  
Alexandria, VA 22313-1450

Sir: **LETTER**

The above-identified applicants enclose for filing the national phase of a PCT patent application (**PCT/JP03/11089**) entitled "**MICRO GAS GENERATOR WITH AUTOMATIC IGNITION FUNCTION**". Said attached PCT patent application includes (1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (2-Pages); (2) Translation of the International Application into English: PCT Request (7-Pages), 19-Page Specification (including 2-Pages of Claims (10) and 1-Page Abstract) and 4-sheets of A4 size drawings; (3) Check in the amount of \$1,890.00 in payment of the Filing Fee; (4) English Translation of Amendment Under Article 34 (2-Pages); (5) Preliminary Amendment (4-Pages); (6) Copy of the International Search Report (2-pages); (7) Copy of the Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (Form PCT/IB/308)(1-Page); and (8) Copy of the Notification Concerning Submission of Priority Document (Form PCT/IB/304)(1-Page).


**The executed Declaration will be submitted in due course.**

**PLEASE ENTER THE PRELIMINARY AMENDMENT BEFORE CALCULATING THE FEES.**

All correspondence concerning this application should be mailed to: **CUSTOMER NO: 42754**

**Kevin S. Lemack  
Nields & Lemack  
176 E. Main Street - Suite 7  
Westboro, Massachusetts 01581**

Respectfully submitted,

  
Kevin S. Lemack  
Attorney for Applicant  
Registration No. 32,579

Date: February 15, 2005

**EXPRESS MAIL NO: ED 114679020 US**

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

441 P090

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

DATE CLAIMED  
0 August 2002

INTERNATIONAL APPLICATION NO.  
PCT/JP03/11089

INTERNATIONAL FILING DATE  
29 August 2003

**TITLE OF INVENTION**

MICRO GAS GENERATOR WITH AUTOMATIC IGNITION FUNCTION

APPLICANT(S) FOR DO/EO/US

Ryoi Kodama, Kazumasa Kurita and Kenjiro Ikeda

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:


1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: 1. English translation of the Amendments under Article 34. 3  
2. Copy of the International Search Report. 4

3. Form PCT/IB/304  
4. Form PCT/IB/308

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/524751		PCT/JP03/11089		441P090	
21. The following fees are submitted:				Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic national fee..... \$300.00				\$	
<input checked="" type="checkbox"/> b) Examination fee..... \$200.00				\$	
<input checked="" type="checkbox"/> c) Search fee..... \$500.00				\$	
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				-	
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00	\$ -	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	28 - 20 =	8	x \$50.00	\$ 400.00	
Independent claims	1 - 3 =	0	x \$200.00	\$ 0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$ 360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,890.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ -	
SUBTOTAL =				\$ 1,890.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ -	
TOTAL NATIONAL FEE =				\$ 1,890.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ -	
TOTAL FEES ENCLOSED =				\$ 1,890.00	
Amount to be refunded:					\$
Amount to be charged					\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,890.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0930. A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: Customer No: 42754					
Niels & Lemack 176 E. Main Street - Suite 7 Westboro, MA 01581			 SIGNATURE Kevin S. Lemack NAME 32,579 REGISTRATION NUMBER		